In the Specification

Please replace the paragraph beginning at page 10, line 22 with the following amended paragraph:

The types of separation media that may be used are not limited, and ~~includes~~ include, for example, derivatized silica, resins, appropriately modified membranes or particle loaded membranes, and other supports. Suitable separation media can be obtained commercially from, for example, Amersham Pharmacia Biotech (Piscatawy, NJ); Amicon, Inc. (Beverly, MA, now owned by Millipore); EM Separations Technology (Gibbstown NJ); Vydac (Hesperia, CA); and/or Bio-Rad Laboratories (Hercules, CA). Non-limiting examples of separation media include hydrophobic media such as silica-based C4, C8, and C18 supports or non-silica-based materials such as butyl sepharose, octyl sepharose, and phenyl sepharose. Ion-exchange materials (especially anion exchange materials) include Mini Q, Mono Q, Q sepharose, SAX trimethyl aminopropyl, DEAE sepharose, and EMD DEAE-650. Affinity separation materials are represented by pairs of, for example, immobilized streptavidin and iminobiotin-labeled oligonucleotides, immobilized nitrostreptoavidin and biotin-labeled oligonucleotides (Morag, et al. *Anal. Biochem.*, 243:257-263) or immobilized salicylhydroxyamic acid and phenylboronic acid labeled oligonucleotides (Bergseid et al., *BioTechniques*, 29(5):1126-1133). Separations media relying on formation of a covalent bond can be exemplified by pyridinedithiopropyl-sepharose and thiol-labeled oligonucleotides, immobilized hydroxylamine or hydrazide like agarose adipic acid hydrazide and aldehyde labeled oligonucleotides. Methods and recommended conditions for using the exemplified resins and membranes are well known and readily available to the skilled artisan.

Please replace the paragraph beginning at page 12, line 3, with the following amended paragraph:

Separation of oligonucleotide mixtures may be performed using separation ~~medias~~ media in a column (i.e., mixed-mode). For example, one region of a column containing a separation medium can interact with a first separation tag, while a different separation medium in a different region of the same column can interact with a second separation tag. Alternatively, the different separation media are interspersed in the column.